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NEWS

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Board of Regents at Full Strength

Three members have been named by HEW Secretary Califano to the National Library of Medicine's Board of Regents. The latest appointments bring the Board up to its full complement of ten appointed members.

The new Regents are Dr. Ismael Almodovar, Dr. Emmet F. Ferguson, Jr., and Professor Martha E. Williams.

Dr. Almodovar, President of the University of Puerto Rico in San Juan, a chemist by training, has degrees from the University of Puerto Rico (Mayaguez) and the Carnegie Institute of Technology. He also did post-doctoral work in the physics department at Brookhaven National Laboratory. Before assuming his present position, Dr. Almodovar was director of graduate studies at the University of Puerto Rico (Mayaguez), chairman of the Chemistry Department at the University's Rio Piedras campus, and dean of the College of Natural Sciences there. He also served as a Health Science Administrator at the National Institutes of Health while on sabbatical leave from the University of Puerto Rico.

Dr. Ferguson is a prominent surgeon in Jacksonville, Florida. He received his medical degree at the University of Georgia, did his internship at St. Albans Naval Hospital, and trained in surgery at the University Hospital in Jacksonville and the University of Alabama Hospitals in Birmingham. Dr. Ferguson is Assistant Clinical Professor of Surgery at the University of Florida and a member of numerous professional societies, including the American College of Surgeons, the American Society of Colon and Rectal Surgery, and the Southern Medical Association.

Martha Williams is Research Professor at the University of Illinois Coordinated Science Laboratory and director of the University's Information Retrieval Research Laboratory. She also holds the positions of Professor of Library Administration and Professor of Library Science in the University's Graduate School of Library Science. Professor Williams has a bachelors degree from Barat College (Illinois) and a master's degree in philosophy from Loyola University. She is very active in the information field, serving as a member and officer of many professional societies, and she is editor of ASIS's *Annual Review of Information Science and Technology* and U.S. editor of the *On-Line Review* (Oxford). Professor Williams has also been a consultant to many institutes and foundations, including the National Institutes of Health.

The next meeting of the Board of Regents will take place on January 25-26.

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NEWS

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AVLINE Update

NLM's online data base of references to audiovisual teaching materials in the health sciences (AVLINE) increased in size by 36 percent from November 30, 1977 to November 30, 1978. By the latter date the file contained 6560 titles. Between 100 and 150 new titles are cataloged and added to AVLINE each month.

Some 81 percent of the titles in AVLINE are specifically educational in nature and thus have been reviewed by peer evaluation groups. The remainder—lectures, congresses, grand rounds, etc.—have not been reviewed.

The subject coverage of AVLINE can be determined roughly by searching on the NLM classification number assigned each title. This yields the following:

	Titles	Percent
Pre-clinical sciences	675	10
Clinical medicine	4510	68
Dentistry	550	8
Nursing	427	7
Hospital administration	99	2
Veterinary medicine	29	0.5
History of medicine	79	1.5
Other	191	3
	6560	100%

We are attempting to acquire more titles in the nursing and allied health areas, but it should be noted that many titles classified for clinical medicine, for instance, have application also for other audiences. Audience descriptors (MEDICAL, DENTAL, NURSING, ALLIED HEALTH) are assigned during review and if a search is done on these terms it becomes apparent that most titles are considered suitable for more than one audience.

To request a search of the AVLINE data base visit your nearest MEDLARS/MEDLINE center. Technical inquiries about AVLINE may be directed to Linda Kudrick, AVLINE Coordinator, NLM.

TOX-TIPS Coverage Expanded

Beginning with the January 1979 issue, the scope of coverage of *TOX-TIPS* is being expanded to include epidemiology studies which identify or clarify the toxicity of substances and other agents. *TOX-TIPS* (Toxicology Testing-in-Progress) is a monthly publication produced under the direction of NLM's Toxicology Information Program.

In existence since June 1976, *TOX-TIPS* reports the initiation of long-term projects to determine toxic risks of chemical substances and other agents. Prompt publication of descriptions of such programs is expected to reduce the inadvertant duplication of expensive tests.

Projects are described briefly and pertinent administrative and funding information is included as available. The project descriptions are fully indexed by study parameters. Indexes by supporting and performing organizations and principal investigators are also included; all indexes are cumulated quarterly. In addition, *TOX-TIPS* carries selected references to articles from the recent literature on work related to the reported project. These bibliographic citations are retrieved from searches of the National Library of Medicine's online data bases.

TOX-TIPS results from the cooperative efforts of industrial, government, and academic organizations reporting voluntarily on the initiation of long-term testing and epidemiology studies. The publication is sponsored by the Toxicology Information Subcommittee of the DHEW Committee to Coordinate Toxicology and Related Programs. Subscription information and sample copies are available from the Editor, TOX-TIPS, NLM, Toxicology Information Program; telephone: (301) 496-1131.

A few weeks before the announcement by President Carter of the establishment of diplomatic relations between the U.S. and the People's Republic of China, NLM Director Martin M. Cummings, M.D. (top row, left), travelled to China as part of a delegation of the American Association for the Advancement of Science. The AAAS delegation is shown above with Vice Premier Fang Yi (bottom row, center) and other Chinese officials. The trip consisted of a three-week tour of scientific and medical institutions in Peking, Shanghai, Canton, and other parts of China. NLM Board of Regents member Dr. Eloise Clark was also a member of the delegation.

Publications Notes

Cumulated Abridged Index Medicus, 1978

The 1978 edition of *Cumulated Abridged Index Medicus* (Volume 9) may now be ordered from the Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402. Casebound, 1324 pages, price: $18.25 ($22.65 foreign). Stock Number 017-052-00197-3.The 1978 *CAIM* provides a handy cumulation of the twelve monthly issues of *Abridged Index Medicus* during 1978 (see *News*, October-November 1978, p. 3, for further information on *AIM*). Previous editions of *Cumulated Abridged Index Medicus* which are still available from the Superintendent of Documents are as follows: 1977 ($23; $28.75 foreign; S/N 017-052-00188-4); 1976 ($23; $28.75 foreign; S/N 017-052-00176-1); and 1975 ($22; $27.50 foreign; S/N 017-052-00166-3).

MeSH Tree Annotations, 1979

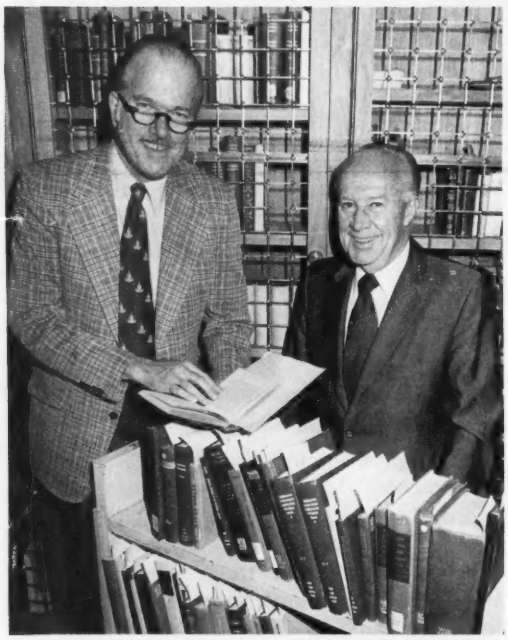
Designed for indexers and searchers, this tool provides a general statement on the approach one should pursue for a given tree, as well as providing information on special features within that tree. *Medical Subject Headings, Tree Annotations, 1979,* is available from the National Technical Information Service, 5285 Port Royal Road, Springfield, Virginia 22161. Price: $6.50 ($3.00 microfiche). PB-288-181.

New TIRC Publications

The Toxicology Information Response Center (TIRC) is sponsored by NLM's Toxicology Information Program. TIRC (Oak Ridge, Tennessee 37830) prepares individual literature searches on toxicological subjects and produces

special annotated bibliographies which are sold through the National Technical Information Service (Springfield, VA 22161). Recent TIRC publications available from NTIS (see also *News*, February 1978) are:

- *Polychlorinated Biphenyls, Polybrominated Biphenyls, and their Contaminates: Literature Compilation, 1965-1977.* S.G. Winslow and H.B. Gernstner. ORNL/TIRC-78/2. 374 pages. 2,068 references. $25.
- *Vinyl Chloride. A Review, 1835-1975. An Annotated Literature Collection, 1835-1975. A Literature Compilation, 1976-1977.* H.W. Warren, J.E. Huff, and H.B. Gernstner. ORNL/TIRC-87/3. 218 pages. 1,153 references. $28.



Peter D. Olch, M.D. (left), Deputy Chief of NLM's History of Medicine Division, and Robert J. Benford, M.D., Chairman of the History and Archives Committee of the Aerospace Medical Association, examine material for a new NLM lobby exhibit: "Aviation Medicine . . . From the Aeronauts to the Eve of the Astronauts." The exhibit will depict the growth of aviation medicine from its roots in high altitude physiology (of concern to early balloonists and mountain climbers) to the specialized field required by the development of ever faster and higher flying aircraft. The exhibit will be on display in the lobby of the Library from February 7 through May 18. It is being developed in cooperation with the Aerospace Medical Association, which holds its 50th anniversary meeting in Washington, D.C., in May 1979.

Frances Howard, Special Assistant to the NLM Associate Director for Extramural Programs, and Milton Shapp, former governor of Pennsylvania. Mrs. Howard addressed the governors of 15 states at a recent Appalachia Conference on the subject of the International Year of the Child, designated by the United Nations for 1979. Mrs. Howard, who was trained as a sociologist and was a former Foreign Service Officer, has been appointed an honorary commissioner of the U.S. National Commission on the IYC, established by President Carter to coordinate U.S. IYC activities. Chaired by Jean Young, wife of the U.S. Ambassador to the U.N., the Commission includes such notable figures as the Reverend Jesse Jackson, Danny Kaye, and Bruno Bettelheim.

Evaluation of Online Search Process

The National Library of Medicine has awarded a contract to Cuadra Associates, Inc., in Santa Monica, California to study the relationship between various types of training and the quality and style of searching on the NLM retrieval system. The study team has been asked to compare two groups of analysts: those who have been formally trained in one of the online search courses provided under NLM auspices, and those who have been trained in some other way (e.g., by a colleague, by one or more other online data base suppliers, or by self-instruction).

A total of about 200 search analysts throughout the U.S. will be invited to participate in the study. Their participation will be solicited by letters from Caudra Associates sent through the directors, online coordinators, or other supervisory personnel in institutions that are members of NLM's online network. We hope that those searchers who are contacted will agree to participate. Searches performed in the study will be coded to maintain complete confidentiality.

The results of this one-year study should prove extremely helpful in improving NLM's online training and continuing education programs. Laura Kassebaum, NLM's Online Training Coordinator, is the Project Officer.

Midwest Health Science Library Network

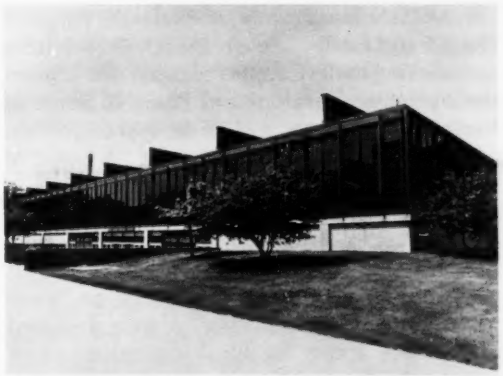
by Patricia Jones* and William S. Budington**

The Midwest Health Science Library Network (MHSLN), now in its tenth year of operation, coordinates regional efforts to provide health science information services to more than 1800 institutions in Illinois, Indiana, Iowa, Minnesota, North Dakota, and Wisconsin. Building on the strong resources and on the highly developed participative energies in Region 7, MHSLN is committed to developing programs that are responsive to the needs of health science information users and providers.

Since 1973, MHSLN has been a decentralized region, and partially subsidized services are now provided through twelve sub-contracting Resource Libraries. The Directors of these Resource Libraries form the Assembly, which meets quarterly to establish policy and provide guidance for regional programs. The Council of Health Sciences Libraries to MHSLN, the network user group, is represented on the Assembly by its President, elected annually by the Council's 400 member institutions. Both the Council and the Assembly work through regional committees whose membership is drawn from various types of MHSLN institutions. The John Crerar Library in Chicago, Illinois, serves as the Regional Medical Library and houses the MHSLN Management Office which is responsible for coordinating regional programs.

Consortium development

One activity that has had significant impact on the region is consortium formation and development. From 1973 through 1978 39 consortia consisting of over 500 member institutions were formed. The objectives of consortium development are to increase local resource sharing and to devise and improve methods of resource sharing. MHSLN consortia have made great strides towards meeting these objectives. They have, for example, developed union lists of serials, monographs, and audiovisuals; written policy and procedure manuals; sponsored exchange services, continuing education programs, and consultant services; and experimented with shared reference and shared storage. Now consortium members are seeking new approaches to cooperation. At statewide meetings members debate such issues as consortium interfacing, changes in interlibrary loan traffic patterns, expanded union lists, and relationships with existing state and regional library groups. The coordinators of the 39 consortia will hold their second regional meeting in the spring of 1979. Through their commitment to interlibrary cooperation and their concern for regional programs, consortia have become vital components of MHSLN.



The John Crerar Library serves as the Regional Medical Library for Region 7 and houses the Midwest Regional Medical Library Network's Management Office.

Planning

MHSLN has been involved in long-range regional planning since 1975. At that time, the Assembly adopted a Program Planning Model (PPM)[1] that emphasizes orderly progression through five steps of planning, and continuous involvement of those affected by the products of the planning effort. In Phase 1, Problem Exploration, nearly 50 sessions were held throughout the region, involving some 800 users and providers of health information. Three general problems were defined:

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[1]Developed at the University of Wisconsin Graduate School of Business by Andre Del Becq and Andrew H. Van de Ven.

- how to increase the frequency with which a person seeks help from a health science library when he/she needs it.
- how to increase the ability of the user and the librarian to clarify, formulate, and mutually understand users' specific and general information needs.
- how to identify the lack of information or materials in specific subject areas or formats within the region or parts of the region.[2]

In Phase II, Knowledge Exploration, the problems expressed in Phase I were analyzed by a 36-member panel made up of 11 librarians and 25 professionals in other relevant fields. Solutions suggested by the panel were re-formulated into sets of objectives related to the three general problems defined in Phase I.

MHSLN is currently in Phase III, Program Design and Review. Seven Design Committees are working to devise specific programs to meet the objectives developed in Phase II. Some of these programs are: a slide-tape presentation and booklet designed to promote "A Sense of Service in Libraries"; a training program in reference interview techniques; a demonstration project to develop criteria for high quality service in libraries; a model survey form to elicit user attitudes about library services; an "electronic consortium stretching" project designed to facilitate access for rural institutions using communications technology; a pilot collection development project, "Initiating User Based Library Resource Development Plans;" and a series of articles in the regional newsletter, *Resources*, describing economic, professional, social, technical, educational, and library-related changes and trends that have potential impact on the delivery of health information. Phases IV and V of the Program Planning Model are Program Implementation and Evaluation, which includes demonstration and pilot projects, and Program Transfer and Review, where successful programs are transferred throughout the region. Each phase includes an evaluation and review component. Phases IV and V will run concurrently with Phase III, as programs are developed, funded, and tested.

An innovative aspect of the MHSLN Interlibrary Loan Program is the active collaboration with two state interlibrary loan networks, Wisconsin Interlibrary Loan Service (WILS) and the Illinois Library and Information Network (ILLINET). Under these arrangements, MHSLN Resource Libraries are able to refer requests that are peripheral in nature to WILS or ILLINET, and they in turn refer requests for health science materials to the MHSLN Resource Libraries, and through them to the National Library of Medicine. A more recent development is an agreement with the Illinois State Library which provides a measure of alternative funding for health science document delivery to ILLINET members. This is a development of national significance, since it may serve as a model for other state/RML agreements.

The Midwest Health Science Library Network is user oriented and committed to continuing needs assessment and structured program planning. In addition to providing services such as document delivery, online coordination, and grants information, the network seeks to develop programs responsive to the needs and priorities expressed by its members, and thus move closer to its goal of improving access to health science information in Region 7.

New NLM Literature Search

The last title in the 1978 series of NLM Literature Searches is titled *Recertification or Relicensure* (No. 78-30). The new bibliography, produced through a search of the MEDLINE data base, covers January 1975 through December 1978 and includes 150 English-language citations. The search is available without charge. (A complete list of Literature Search titles appears in each issue of *Index Medicus* and *Abridged Index Medicus*.) To request a copy of the new search, please include title and number, enclose a self-addressed gummed label, and mail to:

Literature Search Program
Reference Section
National Library of Medicine
8600 Rockville Pike
Bethesda, MD 20014

(*Note:* the Literature Search Program is now under the Reference Section rather than the MEDLARS Management Section.)

[2] *Report of the MHSLN Planning Committee*, April 1977

Recent Public Law 480-Funded Publications

The Library's Special Foreign Currency Program, authorized under Public Law 480, provides limited financial support for the preparation of analytic critical reviews and biomedical monographs, secondary tools, scholarly research projects in the history of medicine, and support for the English-language translation and publication of selected foreign monographs in the health sciences. Administered by NLM's Extramural Programs, the P.L. 480 program sponsors projects in India, Egypt, Poland, Israel, Tunisia, and Pakistan.

Recent studies published under this program are listed below. *Note:* these are not distributed by NLM, but are available only from the publishers.

Edery, H., Ishay, J., Gitter, S., and Joshua, H. "Venoms of Vespidae." In: *Handbook of Experimental Pharmacology.* New Series, Vol. 48, pp. 691-771.

Eisenberg, Shlomo, "Lipoprotein Metabolism and Hyperlipemia," *Atherosclerosis Reviews,* Vol. 1, 1976, pp. 23-60.

Globerson, A. "In Vitro Approach to Development of Immune Reactivity," *Current Topics in Microbiology and Immunology,* Vol. 75, 1976, pp. 1-43.

Hausmanowa-Petrusewicz, Irena. *Spinal Muscular Atrophy: Infantile and Juvenile Type.* Springfield, Virginia: U.S. Dept. of Commerce, National Technical Information Service, 1978, 180 pp.

Hoogstraal, H. *Bibliography of Ticks and Tickbourne Diseases.* Cairo, Egypt: U.S. Naval Medical Research Unit. Number 3, Vol. 5, Part II. April 1978, 455 pp.

Kochetkova, Veronika I. *Paleoneurology.* With an Introductory Commentary and Editorial Contributions by Harry J. Jerison. New York: John Wiley & Sons, 1978, 340 pp.

Kosowicz, Jerzy. *Atlas of Endocrine Diseases.* Bowie, Maryland: The Charles Press Publishers, Inc., 1978, 364 pp.

Kostyuk, P.G. *Structure and Function of the Descending Systems of the Spinal Cord.* Trans. from Russian. Springfield, Virginia: U.S. Dept. of Commerce, National Technical Information Service, 1977, 220 pp.

Mayer, Michael, and Rosen, Fred. "Interaction of Glucocorticoids and Androgens with Skeletal Muscle," *Metabolism,* Vol. 26, No. 8, August 1977, pp. 937-62.

Medalie, Jack H. *Family Medicine—Principles and Applications.* Baltimore, Md.: The Williams & Wilkins Company. 1978, 372 pp.

Mittman, Charles, and Bruderman, Israel. "Lung Cancer: To Operate or Not?" *American Review of Respiratory Disease,* Vol. 116, 1977, pp. 477-496.

Modan, Baruch. "Population Distribution of Histological Types of Lung Cancer," *Israel Journal of Medical Sciences,* Vol. 14, No. 7, July 1978, pp. 771-784.

Nesmeyanova, Tat'yana N. *Experimental Studies in Regeneration of Spinal Neurons,* with an introduction and editorial contributions by Donald Scott, Jr. Trans. from Russian by the Amerind Publishing Company, New Delhi, India. V.H. Winston Sons, Washington, D.C. 1977, 267 pp.

Piotrowski, J.K. *Exposure Tests for Organic Compounds in Industrial Toxicology.* Cincinnati, Ohio: U.S. Department of Health, Education, and Welfare, Public Health Service, Center for Disease Control, National Institute for Occupational Safety and Health. September 1977, 138 pp.

Razin, S. "The Mycoplasmas," *Microbiological Reviews,* Vol. 42, No. 2, June 1978, p. 414-470.

Sherf, Libi, and Neufeld, Henry N. *The Pre-Excitation Syndrome: Facts and Theories.* N.Y.: Yorke Medical Books, 1978, 269 pp.

Shibolet, Shlomo, Lancaster, Malcolm C., and Danon, Y. "Heat Stroke: A Review," *Aviation, Space, and Environmental Medicine,* Vol. 47, No. 3, March 1976, pp. 280-301.

Sidorova, V.F. *The Postnatal Growth and Restoration of Internal Organs in Vertebrates.* Trans. by the Agence Tunisienne de Public-Relations, Tunis, Tunisia and printed by Amerind Publishing Co., New Delhi, India. Dist. by PSG Publishing Co., Inc. Littleton, Mass., 1978, 202 pp.

Spira, Dan T. and Greenblatt, Charles L. "International Symposium on Immunology and Im-

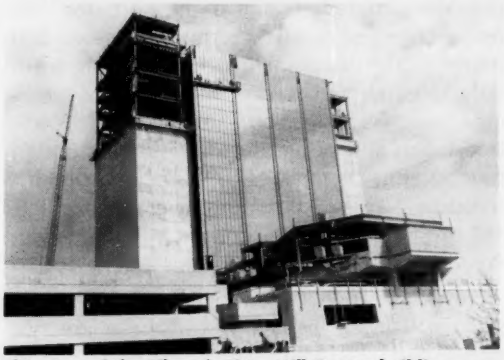
munopathology of Malaria. I." *Israel Journal of Medical Sciences*, Vol. 14, No. 5, May 1978, pp. 503-616.

Weiss, David W. (ed.). "Immunological Parameters of Host-Tumor Relationships," *Israel Journal of Medical Sciences*, Vol. 14, No. 1, January 1978, 200 pp.

Weiss, Marian (ed.). *Early Therapeutic, Social and Vocational Problems in the Rehabilitation of Persons with Spinal Cord Injuries.* New York: Plenum Press, 1977, 378 pp.

Wojtczak-Jaroszowa, Jadwiga. *Physiological and Psychological Aspects of Night and Shift Work.* Cincinnati, Ohio: U.S. Dept. of Health, Education, and Welfare, Public Health Service, Center for Disease Control, National Institute for Occupational Safety and Health, December, 1977, 88 pp.

Zuckerman, Avivah. "Current Status of the Immunology of the Blood and Tissue Protozoa. II. Plasmodium," *Experimental Parasitology*, Vol. 42, 1977, pp. 374-446.



This view of the Library's Lister Hill Center building, now under construction, shows the 200-seat auditorium (right foreground). Current plans call for occupancy by September 1979.

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